Customer Number: 20277

Case Docket Number: 57454-985

UTILITY PATENT APPLICATION UNDER 37 CFR 1.53(b)

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR: Tetsuya HAYASHI, Kousuke OBAYASHI, Shinji OISHI

FOR: THRUST ROLLER BEARING AND CAGE

Enclosed are:

| | 45 pages of specification, claims, abstract. | | | | | |
|-------------|---|--|--|--|--|--|
| \boxtimes | Declaration and Power of Attorney. | | | | | |
| \boxtimes | Priority Claimed. | | | | | |
| \boxtimes | Certified copies of Japanese Patent Application Nos. 2002-323926, 2002-323867 | | | | | |
| | and 2002-324293 | | | | | |
| \boxtimes | 13 sheets of formal drawing. | | | | | |
| \boxtimes | An assignment of the invention to NTN Corporation | | | | | |
| | and the assignment recordation fee. | | | | | |
| \boxtimes | Information Disclosure Statement, Form PTO-1449 and references. | | | | | |
| \boxtimes | Return Receipt Postcard | | | | | |

The filing fee has been calculated as shown below:

| | NO. OF CLAIMS | | EXTRA CLAIMS | RATE | AMOUNT |
|--------------------|------------------|-----|-----------------|---------|----------|
| Total Claims | 20 | -20 | 0 | \$18.00 | \$0.00 |
| Independent Claims | 7 | -3 | 4 | \$86.00 | \$344.00 |
| | \$0.00 | | | | |
| | \$770.00 | | | | |
| | \$1,114.00 | | | | |
| | \$0.00 | | | | |
| | \$40.00 | | | | |
| | \$1,154.00 | | | | |

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Any patent application processing fees under 37 CFR 1.17.

Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

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Date: November 5, 2003